

Peter Korosec

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

3,912
citations

147801

31
h-index

133252

59
g-index

112
all docs

112
docs citations

112
times ranked

4588
citing authors

#	ARTICLE	IF	CITATIONS
1	Art v 1 IgE epitopes of patients and humanized mice are conformational. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 920-930.	2.9	2
2	Heritable risk for severe anaphylaxis associated with increased $\hat{\pm}$ -tryptase encoding germline copy number at TPSAB1. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 622-632.	2.9	137
3	Glycosylation enhances allergenic activity of major bee venom allergen Api m 1 by adding IgE epitopes. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1502-1504.e5.	2.9	9
4	A very low number of circulating basophils is predictive of a poor response to omalizumab in chronic spontaneous urticaria. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1254-1257.	5.7	12
5	Gene Expression Levels of the Prolyl Hydroxylase Domain Proteins PHD1 and PHD2 but Not PHD3 Are Decreased in Primary Tumours and Correlate with Poor Prognosis of Patients with Surgically Resected Non-Small-Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 2309.	3.7	9
6	Asthma treatment response to inhaled corticosteroids is associated with variants in VEGFA gene. <i>Gene</i> , 2021, 783, 145573.	2.2	2
7	Hymenoptera Venom Immunotherapy: Immune Mechanisms of Induced Protection and Tolerance. <i>Cells</i> , 2021, 10, 1575.	4.1	14
8	Routine KIT p.D816V screening identifies clonal mast cell disease in patients with Hymenoptera allergy regularly missed using baseline tryptase levels alone. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 621-626.e7.	2.9	27
9	Clinical relevance of inherited genetic differences in human tryptases. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 127, 638-647.	1.0	30
10	Biomarkers of the Severity of Honeybee Sting Reactions and the Severity and Threshold of Systemic Adverse Events During Immunotherapy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3157-3163.e5.	3.8	13
11	Clinical, serological and basophil response to a wasp sting in patients with European hornet sting anaphylaxis. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1641-1644.	2.9	3
12	Chemokines during anaphylaxis: the importance of CCL2 and CCL2-dependent chemotactic activity for basophils. <i>Clinical and Translational Allergy</i> , 2020, 10, 63.	3.2	19
13	Methodological and diagnostic relevance of IgEs to recombinant allergens Api m 1 and Ves v 5 determined by the multiplex test ImmunoCAP ISAC. <i>Clinical and Experimental Allergy</i> , 2020, 50, 981-983.	2.9	2
14	Fluorescent labeling of major honeybee allergens Api m 1 and Api m 2 with quantum dots and the development of a multiplex basophil activation test. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1753-1756.	5.7	10
15	Elevated eosinophils, IL5 and IL8 in induced sputum in asthma patients with accelerated FEV1 decline. <i>Respiratory Medicine</i> , 2020, 162, 105875.	2.9	13
16	Correlations between vitreous cytokine levels and inflammatory cells in fibrovascular membranes of patients with proliferative diabetic retinopathy. <i>Molecular Vision</i> , 2020, 26, 472-482.	1.1	10
17	The functional promoter <i>F12</i> $\hat{\pm}$ 46C/T variant predicts the asymptomatic phenotype of C1 $\hat{\pm}$ INH $\hat{\pm}$ AE. <i>Clinical and Experimental Allergy</i> , 2019, 49, 1520-1522.	2.9	12
18	Clinical and immunological differences between asymptomatic $\hat{\pm}$ HDM $\hat{\pm}$ sensitized and $\hat{\pm}$ HDM $\hat{\pm}$ allergic rhinitis patients. <i>Clinical and Experimental Allergy</i> , 2019, 49, 808-818.	2.9	24

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19	Identification of bee venom Api m 1 IgE epitopes and characterization of corresponding mimotopes. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 791-794.e5.	2.9	9
20	Recombinant glycoproteins resembling carbohydrate-specific IgE epitopes from plants, venoms and mites. <i>EBioMedicine</i> , 2019, 39, 33-43.	6.1	14
21	Worldwide perspectives on venom allergy. <i>World Allergy Organization Journal</i> , 2019, 12, 100067.	3.5	11
22	Hereditary angioedema due to C1-inhibitor deficiency in Macedonia: clinical characteristics, novel <i>SERPINC1</i> mutations and genetic factors modifying the clinical phenotype. <i>Annals of Medicine</i> , 2018, 50, 269-276.	3.8	11
23	Mast cell activation test in the diagnosis of allergic disease and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 485-496.e16.	2.9	119
24	Important and specific role for basophils in acute allergic reactions. <i>Clinical and Experimental Allergy</i> , 2018, 48, 502-512.	2.9	35
25	Systemic and airway oxidative stress in competitive swimmers. <i>Respiratory Medicine</i> , 2018, 137, 129-133.	2.9	10
26	Routine clinical utility of honeybee venom allergen components. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 2121-2123.e1.	3.8	8
27	Limited ability of recombinant Hymenoptera venom allergens to resolve IgE double sensitization. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 2118-2120.	3.8	10
28	The culprit insect but not severity of allergic reactions to bee and wasp venom can be determined by molecular diagnosis. <i>PLoS ONE</i> , 2018, 13, e0199250.	2.5	27
29	Multiomics Data Triangulation for Asthma Candidate Biomarkers and Precision Medicine. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 392-409.	2.0	15
30	Asthma MicroRNA Regulome Development Using Validated miRNA-Target Interaction Visualization. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 607-615.	2.0	9
31	Basophils, high-affinity IgE receptors, and CCL2 in human anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 750-758.e15.	2.9	56
32	<i>SPINK5</i> is associated with early-onset and <i>CHI3L1</i> with late-onset atopic dermatitis. <i>International Journal of Immunogenetics</i> , 2017, 44, 212-218.	1.8	21
33	Bronchial thermoplasty induces immunomodulation with a significant increase in pulmonary CD4 + 25 + regulatory T cells. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 119, 289-290.	1.0	6
34	High BMI1 mRNA expression in peripheral whole blood is associated with favorable prognosis in advanced non-small cell lung cancer patients. <i>Oncotarget</i> , 2017, 8, 25384-25394.	1.8	5
35	<i>BMI1</i> , <i>ALDH1A1</i> , and <i>CD133</i> Transcripts Connect Epithelial-Mesenchymal Transition to Cancer Stem Cells in Lung Carcinoma. <i>Stem Cells International</i> , 2016, 2016, 1-9.	2.5	44
36	Improved recombinant Api m 1- and Ves v 5-based IgE testing to dissect bee and yellow jacket allergy and their correlation with the severity of the sting reaction. <i>Clinical and Experimental Allergy</i> , 2016, 46, 621-630.	2.9	27

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37	Basophil activation testing in diagnosis and monitoring of allergic disease – an overview. <i>Allergo Journal</i> , 2016, 25, 26-33.	0.1	1
38	Frequent life-threatening laryngeal attacks in two Croatian families with hereditary angioedema due to C1 inhibitor deficiency harbouring a novel frameshift mutation in SERPING1. <i>Annals of Medicine</i> , 2016, 48, 485-491.	3.8	2
39	Polymorphisms and haplotypes of the chromosome locus 17q12-17q21.1 contribute to adult asthma susceptibility in Slovenian patients. <i>Human Immunology</i> , 2016, 77, 527-534.	2.4	8
40	EAACI Molecular Allergology User's Guide. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 1-250.	2.6	642
41	Basophil activation testing in diagnosis and monitoring of allergic disease – an overview. <i>Allergo Journal International</i> , 2016, 25, 106-113.	2.0	5
42	Distinct Contributory Factors Determine Basophil-Allergen Sensitivity in Grass Pollen Rhinitis and in Anaphylactic Wasp Venom Allergy. <i>International Archives of Allergy and Immunology</i> , 2016, 171, 89-101.	2.1	2
43	Identification and characterization of major cat allergen Fel d 1 mimotopes on filamentous phage carriers. <i>Molecular Immunology</i> , 2016, 71, 176-183.	2.2	9
44	The prognostic value of whole blood <i>SOX2</i> , <i>NANOG</i> and <i>OCT4</i> mRNA expression in advanced small-cell lung cancer. <i>Radiology and Oncology</i> , 2016, 50, 188-196.	1.7	36
45	8-isoprostane as Oxidative Stress Marker in Coal Mine Workers. <i>Biomedical and Environmental Sciences</i> , 2016, 29, 589-593.	0.2	4
46	The clinical utility of basophil activation testing in diagnosis and monitoring of allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1393-1405.	5.7	298
47	Immunological and clinical factors associated with adverse systemic reactions during the build-up phase of honeybee venom immunotherapy. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1579-1589.	2.9	37
48	Hereditary Angioedema Due to C1 Inhibitor Deficiency in Serbia: Two Novel Mutations and Evidence of Genotype-Phenotype Association. <i>PLoS ONE</i> , 2015, 10, e0142174.	2.5	28
49	Sustained effect of grass pollen subcutaneous immunotherapy on suppression of allergen-specific basophil response; a real-life, nonrandomized controlled study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 547-555.	5.7	43
50	Filaggrin loss-of-function mutations are not associated with atopic dermatitis that develops in late childhood or adulthood. <i>British Journal of Dermatology</i> , 2015, 172, 455-461.	1.5	61
51	Venom immunotherapy: clinical efficacy, safety and contraindications. <i>Expert Review of Clinical Immunology</i> , 2015, 11, 877-884.	3.0	11
52	Prognostic value of cytokeratin-7 mRNA expression in peripheral whole blood of advanced lung adenocarcinoma patients. <i>Cellular Oncology (Dordrecht)</i> , 2015, 38, 387-395.	4.4	14
53	Down-Regulation of FcµRI-Mediated CD63 Basophil Response during Short-Term VIT Determined Venom-Nonspecific Desensitization. <i>PLoS ONE</i> , 2014, 9, e94762.	2.5	13
54	Disposal of iNKT cell deficiency and an increase in expression of SLAM signaling factors characterizes sarcoidosis remission: a 4-year longitudinal study. <i>Respiratory Research</i> , 2014, 15, 91.	3.6	3

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55	Let-7a is differentially expressed in bronchial biopsies of patients with severe asthma. <i>Scientific Reports</i> , 2014, 4, 6103.	3.3	33
56	Omalizumab in chronic urticaria: our experience and literature review. <i>Acta Dermatovenerologica Alpina, Panonica Et Adriatica</i> , 2014, 23, 57-61.	0.1	2
57	Serum diamine oxidase activity as a diagnostic test for histamine intolerance. <i>Wiener Klinische Wochenschrift</i> , 2013, 125, 239-243.	1.9	66
58	The Relevance of Basophil Allergen Sensitivity Testing to Distinguish between Severe and Mild Peanut-Allergic Children. <i>International Archives of Allergy and Immunology</i> , 2013, 162, 310-317.	2.1	19
59	Clinical Routine Utility of Basophil Activation Testing for Diagnosis of Hymenoptera-Allergic Patients with Emphasis on Individuals with Negative Venom-Specific IgE Antibodies. <i>International Archives of Allergy and Immunology</i> , 2013, 161, 363-368.	2.1	56
60	Over-reliance on assays for specific IgE in diagnostics of penicillin allergy?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 1626-1627.	5.7	2
61	Asthma treatment outcome in adults is associated with rs9910408 in TBX21 gene. <i>Scientific Reports</i> , 2013, 3, 2915.	3.3	18
62	Hereditary Angioedema Nationwide Study in Slovenia Reveals Four Novel Mutations in SERPING1 Gene. <i>PLoS ONE</i> , 2013, 8, e56712.	2.5	37
63	A polymorphism in ORMDL3 is associated not only with asthma without rhinitis but also with chronic obstructive pulmonary disease. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2013, 23, 256-61.	1.3	12
64	House Dust Mite-Specific Immunotherapy Alters the Basal Expression of T Regulatory and Fc̑RI Pathway Genes. <i>International Archives of Allergy and Immunology</i> , 2012, 159, 287-296.	2.1	11
65	Short-term venom immunotherapy induces desensitization of Fc̑RI-mediated basophil response. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 1594-1600.	5.7	27
66	High Non-specific T Lymphocyte Response to the Adjuvanted H1N1 Vaccine in Comparison with the H1N1/H3N2/Brisbane Vaccine without Adjuvant. <i>Scandinavian Journal of Immunology</i> , 2012, 76, 497-504.	2.7	2
67	High sensitivity of CAP-FEIA rVes v 5 and rVes v 1 for diagnosis of <i>Vespula</i> venom allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1406-1408.	2.9	67
68	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 818-819.	2.9	15
69	Asthma Treatment Outcome in Children Is Associated with Vascular Endothelial Growth Factor A (VEGFA) Polymorphisms. <i>Molecular Diagnosis and Therapy</i> , 2012, 16, 173-180.	3.8	24
70	let-7b and miR-126 Are Down-Regulated in Tumor Tissue and Correlate with Microvessel Density and Survival Outcomes in Non-small Cell Lung Cancer. <i>PLoS ONE</i> , 2012, 7, e45577.	2.5	88
71	Monitoring honeybee venom immunotherapy in children with the basophil activation test. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 167-172.	2.6	48
72	Rhinitis symptoms caused by grass pollen are associated with elevated basophile allergen sensitivity and a larger grass-specific immunoglobulin E fraction. <i>Clinical and Experimental Allergy</i> , 2012, 42, 49-57.	2.9	11

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73	Airway Angiogenesis in Stable and Exacerbated Chronic Obstructive Pulmonary Disease. <i>Scandinavian Journal of Immunology</i> , 2012, 75, 109-114.	2.7	14
74	Association of <i>ORMDL3</i> , <i>STAT6</i> and <i>TBXA2R</i> gene polymorphisms with asthma. <i>International Journal of Immunogenetics</i> , 2012, 39, 20-25.	1.8	22
75	Basophil response and the induction of a tolerance in venom immunotherapy: a long-term sting challenge study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 822-830.	5.7	66
76	Low sensitivity of commercially available rApi m 1 for diagnosis of honeybee venom allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 671-673.	2.9	74
77	Natural killer T cells in pulmonary disorders. <i>Respiratory Medicine</i> , 2011, 105, S20-S25.	2.9	41
78	Acetylsalicylic acid-triggered 15-HETE generation by peripheral leukocytes for identifying ASA sensitivity. <i>Respiratory Medicine</i> , 2011, 105, S81-S83.	2.9	8
79	Expressions of Topoisomerase III α and BCRP in Metastatic Cells are Associated with Overall Survival in Small Cell Lung Cancer Patients. <i>Pathology and Oncology Research</i> , 2011, 17, 691-696.	1.9	15
80	Basophil Responsiveness and Clinical Picture of Acetylsalicylic Acid Intolerance. <i>International Archives of Allergy and Immunology</i> , 2011, 155, 257-262.	2.1	23
81	Hymenoptera-Induced Hypersensitivity Reactions and Anaphylaxis. , 2011, , 209-222.		2
82	Complement Factor C5a in Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <i>Scandinavian Journal of Immunology</i> , 2010, 71, 386-391.	2.7	30
83	Immunoglobulin G-dependent changes in basophil allergen threshold sensitivity during birch pollen immunotherapy. <i>Clinical and Experimental Allergy</i> , 2010, 40, 1186-1193.	2.9	57
84	Recombinant allergen-based IgE testing to distinguish bee and wasp allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1300-1307.e3.	2.9	112
85	Deficiency of pulmonary V α 24 V β 11 natural killer T cells in corticosteroid-naïve sarcoidosis patients. <i>Respiratory Medicine</i> , 2010, 104, 571-577.	2.9	22
86	Association of preoperative vitreous IL-8 and VEGF levels with visual acuity after vitrectomy in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2010, 88, e311-6.	1.1	31
87	Aspirin-Induced COX-2 Overexpression in Monocytes of Aspirin-Intolerant Patients. <i>International Archives of Allergy and Immunology</i> , 2009, 149, 378-384.	2.1	9
88	C5a-induced in vitro basophil activation in patients with chronic urticaria: a pilot study. <i>Wiener Klinische Wochenschrift</i> , 2009, 121, 339-343.	1.9	8
89	Carbohydrate epitopes as a cause of cross-reactivity in patients allergic to Hymenoptera venom. <i>Wiener Klinische Wochenschrift</i> , 2009, 121, 349-352.	1.9	17
90	Diagnostic value of the basophil activation test in evaluating Hymenoptera venom sensitization. <i>Wiener Klinische Wochenschrift</i> , 2009, 121, 344-348.	1.9	23

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91	The specificity of tests for anti- β -lactam IgE antibodies declines progressively with increase of total serum IgE. <i>Wiener Klinische Wochenschrift</i> , 2009, 121, 353-356.	1.9	10
92	Importance of basophil activation testing in insect venom allergy. <i>Allergy, Asthma and Clinical Immunology</i> , 2009, 5, 11.	2.0	17
93	Airway angiogenesis in patients with rhinitis and controlled asthma. <i>Clinical and Experimental Allergy</i> , 2009, 39, 354-360.	2.9	24
94	Basophil responsiveness in patients with insect sting allergies and negative venom-specific immunoglobulin E and skin prick test results. <i>Clinical and Experimental Allergy</i> , 2009, 39, 1730-1737.	2.9	95
95	Basophil Sensitivity in Patients Not Responding to Venom Immunotherapy. <i>International Archives of Allergy and Immunology</i> , 2008, 146, 248-254.	2.1	46
96	Mitochondrial Localization of Nitric Oxide Synthase in Partially Differentiated Urothelial Cells of Urinary Bladder Lesions. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2008, 16, 239-245.	1.2	9
97	Local and genetic determinants of vascular endothelial growth factor expression in advanced proliferative diabetic retinopathy. <i>Molecular Vision</i> , 2008, 14, 1382-7.	1.1	54
98	Expansion of Pulmonary CD8+CD56+ Natural Killer T-Cells in Hypersensitivity Pneumonitis. <i>Chest</i> , 2007, 132, 1291-1297.	0.8	35
99	Vitreous Levels of Interleukin-8 in Patients With Proliferative Diabetic Retinopathy. <i>American Journal of Ophthalmology</i> , 2007, 143, 175-176.	3.3	51
100	Predicting side-effects in venom immunotherapy by basophil activation: basophil sensitivity vs maximal response. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 81-81.	5.7	6
101	Lung Tissue and Tumour-infiltrating T Lymphocytes in Patients with Non-small Cell Lung Carcinoma and Chronic Obstructive Pulmonary Disease (COPD): Moderate/Severe Versus Mild Stage of COPD. <i>Scandinavian Journal of Immunology</i> , 2007, 66, 694-702.	2.7	6
102	The influence of antimicrobial therapy on the sensitivity of Legionella PCR. <i>Scandinavian Journal of Infectious Diseases</i> , 2006, 38, 925-928.	1.5	8
103	Multidrug resistance in small cell lung cancer: Expression of P-glycoprotein, multidrug resistance protein 1 and lung resistance protein in chemo-naïve patients and in relapsed disease. <i>Lung Cancer</i> , 2006, 54, 235-240.	2.0	96
104	High sensitivity of basophils predicts side-effects in venom immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 1401-1406.	5.7	72
105	Differentiation of epithelial cells in the urinary tract. <i>Cell and Tissue Research</i> , 2005, 320, 259-268.	2.9	99
106	Complement Factors C3a, C4a, and C5a in Chronic Obstructive Pulmonary Disease and Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 216-219.	2.9	98
107	Inverse expression of uroplakins and inducible nitric oxide synthase in the urothelium of patients with bladder outlet obstruction. <i>BJU International</i> , 2003, 91, 507-512.	2.5	26
108	Wasp venom is appropriate for immunotherapy of patients with allergic reaction to the European hornet sting. <i>Croatian Medical Journal</i> , 2002, 43, 25-7.	0.7	19

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109	Early cellular and ultrastructural response of the mouse urinary bladder urothelium to ischemia. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2000, 436, 377-383.	2.8	20